Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080824\
Data File : BP021471.D
Acq On : 09 Aug 2024 14:55
Operator : RC/JU
Sample : P3329-04ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7E03ME

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 23:39:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 18:23:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	147199	20.000	ng/ul	0.00
20) Naphthalene-d8	10.351	136	614243	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.239	164	397539	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	868109	20.000	ng/ul	-0.02
79) Chrysene-d12	21.504	240	854340	20.000	ng/ul	0.00
88) Perylene-d12	24.792	264	953520	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	6364	1.967	ng/uL	0.00
4) Pyridine-d5	3.593	84	64720m	6.911	ng/ul	0.01
7) Phenol-d5	6.881	99	92693	7.724	ng/ul	0.05
9) Bis-(2-Chloroethyl)eth...	6.957	67	78488	10.792	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	95461	9.655	ng/ul	0.02
15) 4-Methylphenol-d8	8.369	113	89763	9.006	ng/ul	0.02
21) Nitrobenzene-d5	8.781	128	39994	8.383	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	47600	8.717	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	91497m	9.266	ng/ul	0.05
31) 4-Chloroaniline-d4	10.563	131	140380m	10.732	ng/ul	0.02
46) Dimethylphthalate-d6	13.657	166	348604	12.063	ng/ul	0.00
49) Acenaphthylene-d8	13.934	160	359579	11.081	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	32075m	7.801	ng/ul	0.13
60) Fluorene-d10	15.251	176	302824	12.773	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.486	200	29146m	5.549	ng/ul	0.04
73) Anthracene-d10	17.151	188	467125	12.115	ng/ul	-0.02
81) Pyrene-d10	19.545	212	549171	10.397	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.562	264	598842	12.734	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.404	128	3656324	113.165	ng/ul	99
36) 2-Methylnaphthalene	12.040	142	683797	30.831	ng/ul	99
37) 1-Methylnaphthalene	12.257	142	293666	12.874	ng/ul	98
43) 1,1'-Biphenyl	13.075	154	157261	5.413	ng/ul	99
52) Acenaphthene	14.304	153	481274	19.736	ng/ul	98
56) Dibenzofuran	14.657	168	583239	17.466	ng/ul	99
61) Fluorene	15.316	166	603964	22.164	ng/ul	99
72) Phenanthrene	17.092	178	2481585	55.105	ng/ul	100
74) Anthracene	17.192	178	1547854m	33.715	ng/ul	
77) Carbazole	17.498	167	714995	19.051	ng/ul	99
80) Fluoranthene	19.192	202	1289871	20.222	ng/ul	100
82) Pyrene	19.574	202	964298	14.856	ng/ul	99
85) Benzo(a)anthracene	21.486	228	317563m	5.306	ng/ul	
87) Chrysene	21.557	228	253969	4.567	ng/ul	99
90) Benzo(b)fluoranthene	23.774	252	149141	2.577	ng/ul#	96
91) Benzo(k)fluoranthene	23.827	252	73427m	1.272	ng/ul	
93) Benzo(a)pyrene	24.645	252	97553	1.784	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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